

WHAT IS CLAIMED IS:

A1 1. A process for performing arithmetic operations and engineering based arithmetic operations in a mobile phone comprising the steps of:

- (a) storing one or more software in a memory of the mobile phone;
- 5 (b) selecting one of the software;
- (c) reading an input interface from the memory of the mobile phone by a microprocessor of the mobile phone in response to the selection;
- (d) showing the input interface on a display of the mobile phone;
- (e) inputting operands and operator;
- 10 (f) performing a calculation on the inputted operands and operator by the microprocessor of the mobile phone; and
- (e) showing a result of the calculation on the display of the mobile phone.

2. The process of claim 1, wherein the software is an arithmetic operation software.

15 3. The process of claim 2, wherein the arithmetic operation software comprises an input interface in response to a pressed button on a keypad of the mobile phone such that operands and operator are capable of inputting by pressing the corresponding buttons based on the location of the operator in the input interface.

20 4. The process of claim 1, wherein the software is an engineering based arithmetic operation software.

5. The process of claim 1, wherein after the step (c) of reading an input interface from the memory of the mobile phone by a microprocessor of the mobile phone in response to the selection, a menu of the selected software is

25 shown on the display.

6. The process of claim 5, wherein when a switch button is determined to be pressed by the microprocessor, a switch between setting an input unit of

trigonometric function as degree and setting an input unit of trigonometric function as radian in the decimal system is made.

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7. The process of claim 5, wherein when one of a plurality of constants on the menu is determined to be selected by the microprocessor, the selected constant is shown on the display.

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8. The process of claim 5, wherein when one of a plurality of single-operand operators on the menu is determined to be selected by the microprocessor, an input of an operand is made and a calculation on the operand and the operator is performed.

10. The process of claim 5, wherein when one of a plurality of double-operand operators on the menu is determined to be selected by the microprocessor, an input of operands is made and a calculation on the operands and the operator is performed.

10. The process of claim 9, wherein when the selected single-operand operator is determined to be one of addition, subtraction, multiplication, and division by the microprocessor, an input interface including the icons of addition, subtraction, multiplication, and division is shown on the display, an input of operands is made, and a calculation on the operands and the operator is performed.

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